Plates	pe s	phra elgin	(+) baide this ban	<u>+</u> ]							D) ABOLBE
		Under the	Preparation Reduction Act of	1995, no pess	and mounds	U.S. P Pado saspo	क्रमा क्रमा विकास वर्ग	T-4		uta Orozofa 108 V2002, Or ac U.S. CEPARTMENT OF Turbon & contains a void ONG	2000
Bulletin			(SAPTO							to If Known	
					As	plication I	tumber	-		8.888	
			ion disclos			na Date				mber 14, 2001	
STA	TE	MEN	IT BY APPLIC	ANT	_			-			
	-					et Named			MAT	ζ	
					G.	oup Art Ur	ui.		2611		
	(4)	e es me	ny sheeta as necestar	<u> </u>	Ex	emine <i>r</i> No	TE 9				
Sheet.			O( 0		Alt	втву Вос	lost Numb	ě	B601	371	
				U.S.	PATENT	DOCUL	SENTS				
Contract (Contract)	Q in	3 ,	U.S. Picard Codemand  (Umber (Unicode)  (Unicode)	Karne d	Peterdas or Clast Boour	Academis	District!	Actions Document CO-VYY	<b>10</b>	Pagas, Golumn, Linus, No. Pensegas or Rates Figures Appass	
	AK.		US-8465493		Larectes est o		12	17-189	,	<del></del>	
AX	K		U8- B,608,448		Bancorel et e	3.	63	04-1897		•	
			US-8,618,247 A		Rusto		0	-1897			
AX	4-		813,169,3-8U	c	ories, John	B.		-1997			
<u>~₩</u>	+		U8-6,030,070	<del></del>	Matty			28-1867		H. 698 610	
AX	+-		US- 6.724,625		oyers 8 et e			1898			
AK.	+-		US- 6,752,159		Found et al.			1998			
<u>AK</u> AK	┿		U9-8,759,257 U8-8,774,170	<del> </del>	Hors et al.			1988			
	┿		US- 5,778,182	<del> </del>	HED CE CL			1938			
AX -	+-	<del>-   ,</del>	IS-5,818,488 B1		Sothery of all			7-1898			
AX	1-		25-0,692,508 81	_	Home at at.			6-1998 6-1998	-		
XX	1		US-8.018.344	<del></del>	Kely at at			0-1898 0-2000			
AK	1	-t	8-6,076,094 B1	-	So han et et			3-2000		<del></del>	
AK		_	US-6,134.631		reselt et et.			2000			
AK	1		IS- 6,172,674 B1	-	teredap of	4		9-2001			
_AK			U8- 8,202,210		Ludite			2001	$\overline{}$	<del></del>	
ÄK	$\mathbf{L}$	U	/S- 6,253,688 81	Fr	cemen et e	. 1	06-2	8-2001	-		
AX		U	59- 6,314,577 B1		Pococa		11-0	6-2001	$\rightarrow$		
	_		S- 0,448,261 B1		Rossor		00-	2002			
AX	ļ.,		UB- 8,483,563		notable et e		10-	2002			
WV.	<del> </del>	u	3- 8,530,082 B1	Do Do	र क्र क्रांक	•	8	2002			
	-			FOREIG	PATE	IT DOCL	MENTE	1			
Exerciser Indiator	25	9		ners Ind Code <sup>b</sup> Fancum)	Or App Ched D	Petestee Don't of sources	Chad Chad Vod-	PARING DODAM OD-YY	cat	Perse, Columns, Unce, Where Retorard Persegges or Relevant	т,
AK			EP 1182840 A		Wilso	et el	12	2001		Figures Appear	-
Exemine: Signature			Andrew Roeni	lg/		Date	damed.		06	/25/2006	

EXAMPER: Inthis' II reference considered, whether or not distion is in conformance with MPEP 609. Crew the duraign edition if not in conformance and not considered, include copy of this form with nost communication to applicant.

<sup>\*</sup> Unique clusters designation cumber. \* Applicant to to place a check mark hore if English language Translation is establish.

Burdis Hour Embaned: This form is estimated to take 2.0 fours to complete. This will vary deponding upon the needs of the bid/Musi case. Any cannot as the entering of the you are required to cannot the term should be seen to the Chief Information Offices, U.S. Priorit and Trademant Offices, Washington, DC 20211. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assist of Commissions by Prints, Washington, DC 20214.

United the Paperson	ork, Rocksoffon Act of 1886, no persons one pe	Ao U.S. Pertem and Trace spired to respond to a calbudge of below	provid for use franch 07/31/2008, Onl	9/08A (06-03 19 0861-003 10 084NERCE				
Substitute for form 1448970		Co	Complete If Known					
		Application Number	10/016,988					
INFORM	IATION DISCLOSURE	Filing Date	12/14/2001					
			MATZ					
SIAIEN	MENT BY APPLICANT	Art Unii	2811					
(Use as many chests on necessary)		Examiner Name	Untorown	<del></del>				
Sheet	of D	<ul> <li>Attorney Docket Number</li> </ul>	3501371					
- I Pin I	Ų. g.	PAYENT DOCUMENTS						

			U. S. PAYEN	POCUMENTS	
point.	8 <b>1</b> 1	Document Number  NumberNord Code <sup>2</sup> of Street	Publication Open MM-CD-YYYY	Name of Pederates or As please of Clark Consument	Peges, Cohrnna, Uneo, Whore Reserved Passeges or Reserve Players Appear
AF		<sup>U8-</sup> 6.005,597	12-1999	Barrett	
AX		US- 8,314,568	11-2001	Ochlai	
AK		US- 8,457,010	9-2002	Eldering	<del></del>
AK		US-2002/0143847	10-2002	Headings	
AK		<sup>US-</sup> 2002/0199197	12-2002	Winter	
AK		<sup>US-</sup> 9,543,911	7-1998	Levitan 5,534,911	
AK		US-2003/0087554	4-2003	Klarfield	
AK		US- 6,202,210	3-2001	Ludike	
AK		<sup>US-</sup> 5,630,119	5/13/1997	Aristides	<del>                                     </del>
AK		<sup>U8-</sup> 5.917,481	8/29/1999	Rzeszewski	
AK	_	<sup>US-</sup> 5,983,227	11/9/1899	Nezem	
AK		US- 5.038,211	8/6/1991	Hallenbeck	
AK		<sup>UB-</sup> 5,559,548	9/24/1998	Davis	
XX		us 8.483,585	10/2002	Hendricks	
AK		US- 6,505,348	1-2003	Knowles	
_AK		U\$- 6,185,614	2/2001	Cuomo	
$\longrightarrow$	1_	US-			
		UB-			
		US			

		FOREIGN	PATENT DOCU	Menna		
terminer initials	8.4	Foreign Patern Document	Pyblioston	Hama of Palentee or	Pages, Columns, Lines, Where Rolevett Passages	_
		Country Chick Winter "Tibed Cooks" (F trees)	WHOD-MAA	Applicant of Clad Document	Where Relevent Passages Or Relevant Figures Appear	7
						<u> </u>
		•				-
	-					
						$\vdash$
						М
	1					

Expression

Examiner | Andrew Koenig |

Ex

٠,

Under the Processor	Beduction Act of 1995, no persons are required	App U.S. Petent and Trade is respond to a collection of inform	PTOR BING (1800) Provide for use descript O'Allance, cale 1861-031 BING (1801) PROVIDE THE STATE OF COMMENCE AND LIGHTE THE STATE OF THE COMMENT OF THE COMM
Bultatibuna far komp	1449PTO	Go	amplete if Known
		Application Number	10/016.988
INFORM	ATION DISCLOSURE	Filing Date	12/14/2001
	ENT BY APPLICANT	Phot Named Inventor	MATZ
	ENTERT APPLICANT	Art Urid	2611
	4 may crass 25 m24452777	Examiner Name	Unlerown
Sheet	L of 19	Attorney Docket Number	REMINYS

			U. S. PAYEN	TOCCUMENTS	
Hilliam City	Document Number	Publication Date			
		Number JOhd Code <sup>3 (7)</sup>	MACO-YYYY	Applicant of Cited Document	Pages, Cohumna, Unea, Where Relevent Pensages or Referent Figures Appear
AF		US- 6,252,588	8/28/2001	Freeman	
AK		<sup>UB-</sup> 5,681,518	8/1997	Carles	
AK		US- 5,774,170	8-1998	Hite	
AK		US- 5,758,257	5-1998	Herz	
AK		<sup>US-</sup> 5,410,344	4-1995	Graves	
AK		5,754,393	5-1998	Herz 5,754,939	f
AX		US- 5,838,314	11-1998	Neel 3,737,437	
AX	I	US-6,029,045 2/2000	1-2001	Alexander Picco etal	
AK		US-6.463,468	10-2002	Buch	
AR	T	<sup>US-</sup> 8,496,818	12-2002	Ponte	
AK		<sup>U8-</sup> 8,507,839	1-2003	Ponte	
AR		US-6,510,417	1-2003	Woods	
AR		<sup>US-</sup> 6,631,360	10-2003	Cock	
AK		US- 4,602,279	7-1988	Freeman	
AK		UE 5,448,919	8-1995	Wilkins	
AX		<sup>US-</sup> 5,585,885	12-1998	Amano	
AK		<sup>U8-</sup> 5,758,259	5-1998	Lewier	
AK		5,861,906		Dunn	
AK		5,973,683		Cregun	

Experien		Foreign Peters Document	AN PATENT DOCL	PIENTO	
nillate*	No.		Date	Nume of Patentee or Applicant of Clad Document	Pages, Cohumas, Lings,
	L	Courte Code "Number" Trind Code (IR Proces)	MON-DO-MAN	Advance or com Continuing	Pagas, Columbs, Lines, Where Released Passages Or Relevant Figures Appear
	_				
1			) I		

ENTROP /Andrew Koenig/ Signature 06/25/2006

Expense /Andrew Koenig/

EXMINEE hide I reterence considered, whether or red diction is in conference with EPEF 820. Draw line through obstine I not in positionance and soft considered carpy of this term with next communication to applicant. Applicant manuscription of extraction destinates and in contemporary of the term with next communication to applicant. Applicant manuscription running (options). See Ninda Codes of Japanese person documents, the indicates of the year of the reign of the Emperor must pround the sector number of the person (NFPO filteriori ST.S). For the opporate symbols as indicated on the document will be springly symbols as indicated on the document will be springly symbols as indicated on the document will be springly symbols as indicated on the document will be springly symbols as indicated on the document will be springly symbols as indicated on the document will be springly to propose a check must have 8 English terquary. This subjected, District the springly in application of information is required by 37 CFR 1.87 and 1.82. The information is required to the best of the springly to propose a springly of common of the proposed operating, and extending the completed by 38 U.S.C. 122 and 37 CFR 1.14. This subjection is estimated to their 1 though the transition of the proposed operating the completed by 38 U.S.C. 122 and 37 CFR 1.14. This subjection is estimated to their 1 though the transition of the post springly operating the complete the third case. Any community of the post springly of the three springly operating the transit of the post springly of the formation of the post springly of the springly operating the transit of the post springly of the transition of the post springly of the springly operating the transition of the post springly operating the formation of the formation of the post springly oper

Tigg (ype e paus sign (+) inside this box →

plus sign (+) inside this box + PTC/SB/GBA (08-00)

Approved for use through 10/31/2002 ONB 0651-0001\*

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a conscioun of tribination uniters it contains a visit CMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 5

	Complete if Known	
Application Number	10/016,988	
Filing Date	December 14, 2001	
First Named Inventor	Matz	
Group Art Unit	2611	
Examiner Name	Unassigned	
Alterney Docket Number	BS01371	J

F	-	U.S. Petert Cocumen		Name of Potentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Refer
Exteriorer belitate *	Cita No.'	Number Kind Code (If known)	,	of Cited Document	Cited Decument MM-CD-YYYY	Passages or Relevant Figures Appear
AK		5,619,247		Russo	04-1997	
		5,630,119		Aristides	05-13-1997	
		5,661,516		Cartes, John B.	08-1997	
٦.	1	5,661;516	••	·· -Carles	08-1997 .	
		5,689,070		Matty	10-08-1987	4.698.610
		5,724,521		Dedrick	03-1998	
		5,724,525		Cleyers II et el.	03-1998	
		5,752,159		Faust et al.	05-1998	
		5,754,393		Herz	05-1998	I
		5,758,257		Here	05-1998	
		5,758,259		Lawter	05-1998	
		5,774,170		Hite et al.	C8-1988	
		5,778,182		Cathay et al.	07-07-1998	
		5,794,210		Goldhaber et al.	08-11-1998	
		5,818,438		Howe	10-08-1998	•
		5,838,314		Neel	11-1998	
		5,848,398		Gerace	12-1998	
		5,881,906		Oum	01-1999	
		5,892,508		Howe	04-06-1999	
		5,892,538		· Logan	04-1999	
		5,917,481		Azeszewski	06/29/1999	
		5,948,061		Merriman et al.	09-07-1999	
		5,973,683		Cragun	10-1999	
		5,983,227		. Nazem	11-09-1999	
		8,002,393		Kite	12-1999	
		6,005,597		Barreti	12-1999	1
		6,029,045	Vic	o etat <del>minimander</del>	<del>*01-2001-</del>	213000
		6,076,094		Cohen	06-13-2000	·
_		6,100,916		August	08-2000	
		6,119,098		Guyat et al.	09-2000	
		6,172,674		Etherloge	01-09-2001	
		6,185,614		Cuarno	02-2001	
		6,202,210		Ludtke, Harold A.	03-2001	
4-		8,252,588		Freeman et al.	08-28-2001	
4		6,282,713		Kitsukswa	08-2001	
		6,314,568		Ochial	11-2001	
		6,314,577		Pocock	11-08-2001	
		6,327,574		Kramer et et.	12-2001	
4		6,345,256		Milisted et al.	05-5005	
╌╂╌╾┥		8,434,747		KOnoo et al.	08-2002	
		8,448,281		Rosser, Roy J.	03-2002	
╌┼		6,446,261		Rosser	09-2002	
+		6,457,010		Elderling	09-2002	
AR		6,463,468 6,483,565		Buch Mendricks et al.	10-2002 10-2002	

78 THAT

ptus sign (+) breide this box + PTO/SB/GEA (G8-00)
Approved for use through 1021/2002, OMB G851-0001
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless 8 contains a valid OMB control number.

JUL 2 5 2005 3

FIFTH S TRAD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 5 Sheet

Cemplete If Known					
Application Number 10/016,988					
Filing Date	December 14, 2001				
First Named Inventor	Matz				
Group Art Unit	2611				
Examiner Name	Unassigned				
Alterney Dockel Number	BS01371				

		U.S. Patent Docum	erd	Name of Patentee or Applicant	Date of Publication of	Pegas, Columns, Lines, Where Relevant
Examiner Initials	No."	Number Kind Code <sup>2</sup> (If known)		of Cited Document	Cited Decument	Pesseges of Referent Figures Appear
AK		677,209	Ť	Chemock et al.	08-1901	
		3,798,610		Blise et el.	03-19-1974	<del> </del>
		3,888,302		Kosco	05-27-1975	
		4,130,833		Chomet	12-19-1978	
		4.258.386	ļ	Cheuna	03-24-1981	
		4,381,851		Asio et al.	11-30-1982	
		4,488,179	<del>                                     </del>	Kruper et al.	12-11-1984	
		4,566,030	<b>†</b>	Nickerson et al.	01-21-1988	
		4,567,591	$\vdash$	Gray et al.	02-28-1988	
		4,598,288	<del> </del>	Yarbrough et al.	07-01-1988	<del> </del>
	<del></del>	4,602,279	<del>                                     </del>	Freeman	07-1988	<del></del>
		4,688,248	-	Tomizawa	C8-18-1987	
		4,689,661	+	Barbieri et al.	08-25-1987	
		4,697,209	<del> </del>	Klawitt et al.	C9-1987	
		4,720,873	+	Goodman et al.	01-19-1589	
		4,816,804	╂	McKenna.et al	03-28-1889	
			<b>├</b>	Russell, Jr.	12-2601889	<del> </del>
		4,890,322	┼	Allison, III. et al.	03-27-1990	
		4,912,552	+-			
		4,912,552		Allison	03-1990	<b></b>
		5,010,585	<del> </del>	Garda	04-23-1991	
		5,038,211	<b>├</b> ──	Kallenbeck, Peter d.	C8-1991	
		5,048,090		Walker et al.	09-03-1991	
_		5,048,092	┞	Walker et al.	09-03-1891	
		5,055,924		Skutta	10-08-1991	
		5,173,900		Miller et al.	12-22-1992	
		5,191,645		Carluppi et al.	03-02-1993	
		5,208,665		McCalley et al.	05-04-1993	
		5,247,347		Litteral et al.	09-21-1993	<u> </u>
		5,249,044		VartKaham	09-28-1993	
		5,251,324		McMullan	10-1993	
_ _		5,287,181	Ц_	Holman	02-15-1994	
		5,335,277		Hervey et al.	08-02-84	
		5,339,315		Maeda et al.	08-16-1994	
		5,343,240		Yu	08-30-1994	
		5,357,278		Banker et al.	10-18-1994	
		5,374,951		Welsh	12-20-1994	
		5,389,964		Oberte	02-1995	
		5,404,393		Remilland	04-04-1894	
		5,410,344		Graves	04-1985	
		5,448,490		Blahut et al.	08-29-1995	
		5,448,919		Wilkins, Jeff K.	C8-1995	
		-3,543,911		Levilan	07-1998	5 534,911
		5,559,548		Ozvis et al.	<b>09-1998</b>	
		5,585,838		Lawter et al.	12-17-1998	
		5,585,885		Amano	12-1988	
		5,600,284		Hendricks	02-1997	
AR		5,608,448		Smoral et al.	03-04-1997	